

SM3H 1.3 odd answer key

1. b, c

3. a, c

5. 2

7. 3

9. 4

11. degree: 2

even

$$\lim_{x \rightarrow \infty} f(x) = \infty \quad \lim_{x \rightarrow -\infty} f(x) = \infty$$

13. degree: 3

Negative odd

$$\lim_{x \rightarrow \infty} f(x) = -\infty \quad \lim_{x \rightarrow -\infty} f(x) = \infty$$

15. $x(x + 7)(x + 6)$

17. $(8x + 1)(8x - 1)$

19. $3x^2 + x - 10$